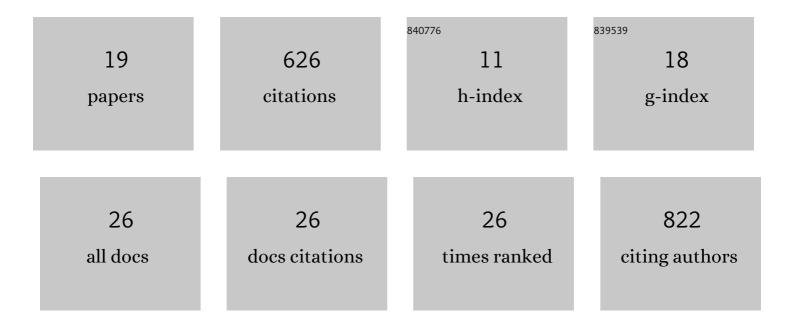
Catherine M Oikonomou

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Novel transient cytoplasmic rings stabilize assembling bacterial flagellar motors. EMBO Journal, 2022, 41, e109523.	7.8	10
2	Simulations of Proposed Mechanisms of FtsZ-Driven Cell Constriction. Journal of Bacteriology, 2021, 203, .	2.2	5
3	A cryo–electron tomography workflow reveals protrusion-mediated shedding on injured plasma membrane. Science Advances, 2021, 7, .	10.3	13
4	In situ imaging of bacterial outer membrane projections and associated protein complexes using electron cryo-tomography. ELife, 2021, 10, .	6.0	16
5	<i>The Atlas of Bacterial & Archaeal Cell Structure</i> : an Interactive Open-Access Microbiology Textbook. Journal of Microbiology and Biology Education, 2021, 22, .	1.0	6
6	<i>In situ</i> imaging of the bacterial flagellar motor disassembly and assembly processes. EMBO Journal, 2019, 38, e100957.	7.8	43
7	ETDB-Caltech: A blockchain-based distributed public database for electron tomography. PLoS ONE, 2019, 14, e0215531.	2.5	37
8	Simulations suggest a constrictive force is required for Gram-negative bacterial cell division. Nature Communications, 2019, 10, 1259.	12.8	12
9	Electron Cryotomography of Bacterial Secretion Systems. Microbiology Spectrum, 2019, 7, .	3.0	13
10	The presence and absence of periplasmic rings in bacterial flagellar motors correlates with stator type. ELife, 2019, 8, .	6.0	36
11	Distinguishing signal from autofluorescence in cryogenic correlated light and electron microscopy of mammalian cells. Journal of Structural Biology, 2018, 201, 15-25.	2.8	27
12	Cellular Electron Cryotomography: Toward Structural Biology In Situ. Annual Review of Biochemistry, 2017, 86, 873-896.	11.1	138
13	Short FtsZ filaments can drive asymmetric cell envelope constriction at the onset of bacterial cytokinesis. EMBO Journal, 2017, 36, 1577-1589.	7.8	55
14	Uncharacterized Bacterial Structures Revealed by Electron Cryotomography. Journal of Bacteriology, 2017, 199, .	2.2	49
15	Morphology of the archaellar motor and associated cytoplasmic cone in <i>Thermococcus kodakaraensis</i> . EMBO Reports, 2017, 18, 1660-1670.	4.5	34
16	The development of cryo-EM and how it has advanced microbiology. Nature Microbiology, 2017, 2, 1577-1579.	13.3	8
17	A new view into prokaryotic cell biology from electron cryotomography. Nature Reviews Microbiology, 2016, 14, 205-220.	28.6	86
18	The Caltech Tomography Database and Automatic Processing Pipeline. Journal of Structural Biology, 2015, 192, 279-286.	2.8	32

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